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Notice of Allowability	Application No.	Applicant(s)	
	09/683,552	STYDUHAR, MARK S.	
	Examiner	Art Unit	
	Hiep Nguyen	2816	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.			
1. This communication is responsive to <u>amendment filed on 12-15-05</u> .			
2. The allowed claim(s) is/are <u>21-40</u> .			
 3.			
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	FOR THE DEPOSIT OF BIOLOGICA 5. □ Notice of Informal Pa 6. □ Interview Summary Paper No./Mail Dat	atent Application (PTC (PTO-413), e nent/Comment	O-152)

Application/Control Number: 09/683,552 Page 2

Art Unit: 2816

Reason for Allowance

The following is an examiner's statement of reasons for allowance: the prior art of record (US Pat. 6,229,352) fails to teach or fairly suggest comparator cycling between an analog configuration and a digital configuration comprising; a plurality of transmission gates, a plurality of inverters for buffering the output signals wherein, the output signals are returned as control signals for the plurality of transmission gates, first and second trip points corresponding to a rising edge and a falling edge of the input signal, and having an analog configuration and a digital configuration as called for in claims 21, 29 and 35-37. Therefore, claims 21-40 are presently allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hiep Nguyen whose telephone number is (571) 272-1752. The examiner can normally be reached on Monday to Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Callahan can be reached on (571) 272-1740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hiep Nguyen

01-05-06

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